Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085007.D
Acq On : 10 Feb 2016 21:51
Operator : SJ/IZ
Sample : H1396-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(5-7)

Quant Time: Feb 11 00:24:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	153304	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	603753	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	264541	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	448788	20.00	ng		0.00
75) Chrysene-d12	13.77	240	308438	20.00	ng		0.00
86) Perylene-d12	15.13	264	269634	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1204511	122.38	ng		0.02
7) Phenol-d6	6.28	99	1772407	145.26	ng		0.00
23) Nitrobenzene-d5	7.20	82	1086094	101.34	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	282040	102.21	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1521084	105.19	ng		0.00
78) Terphenyl-d14	12.73	244	1162218	85.39	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.78	79	18096	2.15	ng	#	46
19) n-Nitroso-di-n-propylamine	7.20	70	153227	20.03	ng	#	72
49) Dimethylphthalate	9.39	163	300183	14.90	ng	#	91
66) 4-Bromophenyl-phenylether	10.46	248	16068	3.24	ng	#	1
70) Phenanthrene	11.16	178	105440	4.24	ng		98
74) Fluoranthene	12.34	202	100306	3.98	ng		96
77) Pyrene	12.57	202	90475	3.83	ng		98
80) Benzo(a)anthracene	13.76	228	40715	2.13	ng		98
87) Benzo(b)fluoranthene	14.77	252	42692	2.36	ng	#	94
88) Benzo(k)fluoranthene	14.77	252	42692	2.85	ng	#	97

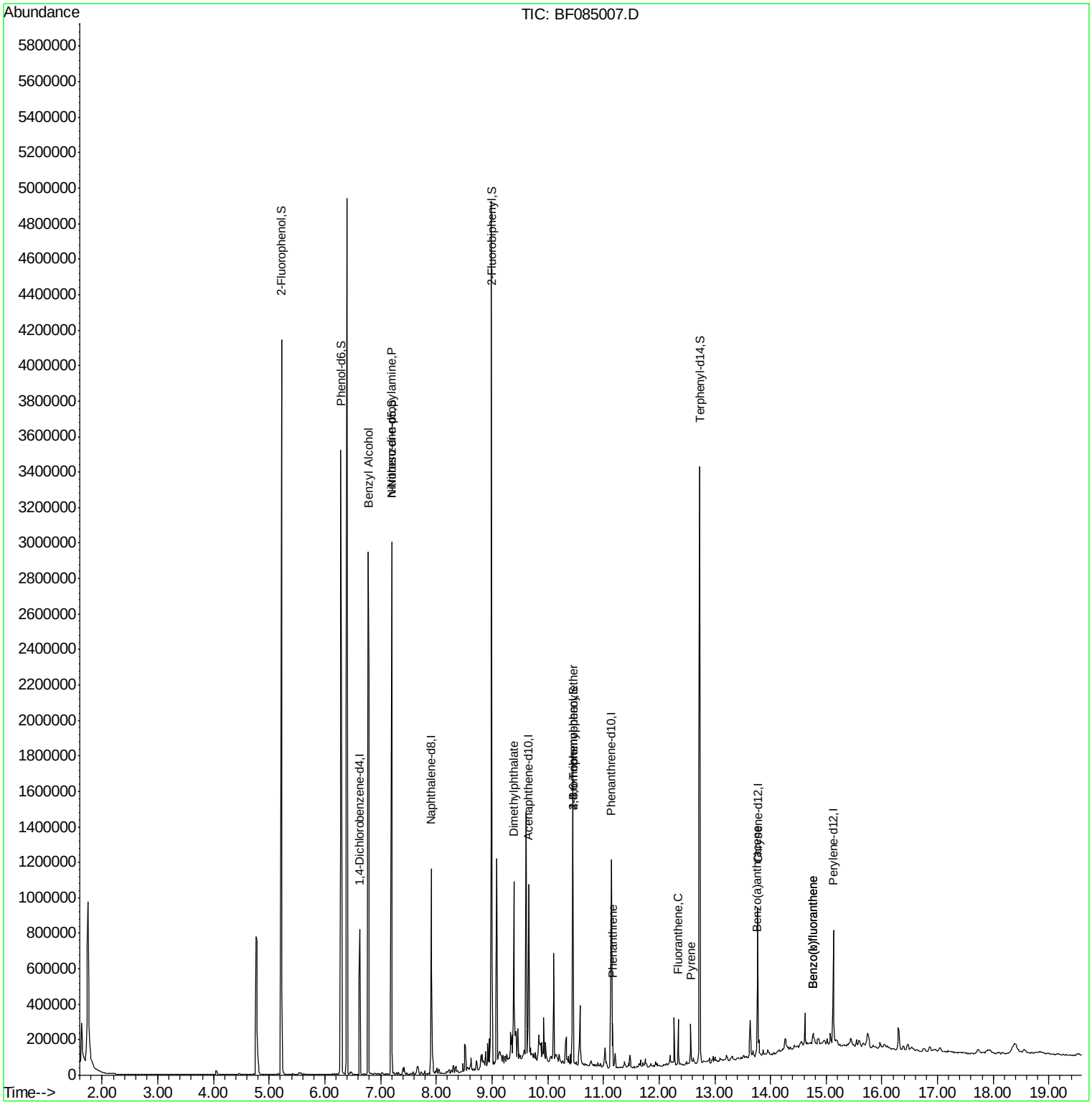
(#) = qualifier out of range (m) = manual integration (+) = signals summed

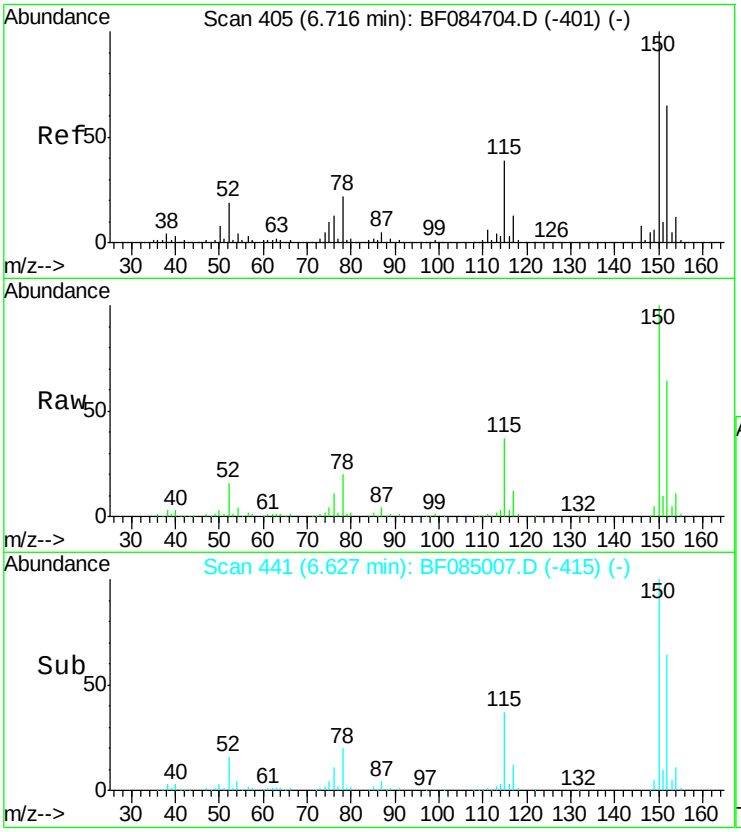
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085007.D
Acq On : 10 Feb 2016 21:51
Operator : SJ/IZ
Sample : H1396-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Quant Time: Feb 11 00:24:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration



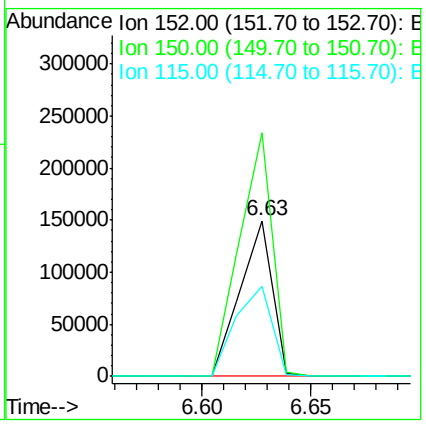


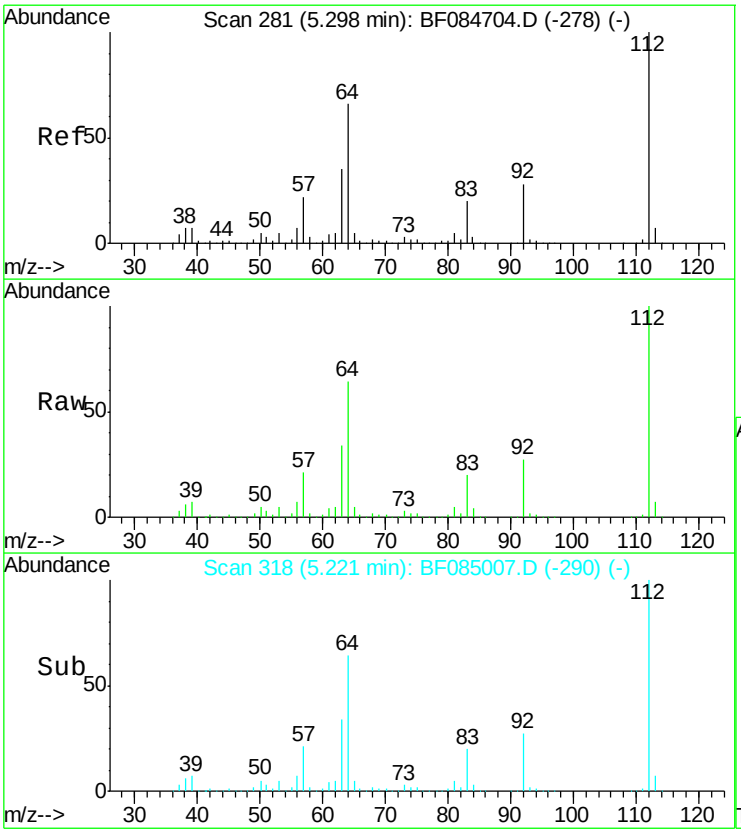
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion:152 Resp: 153304

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.0	184.4
115	57.9	51.4	77.2

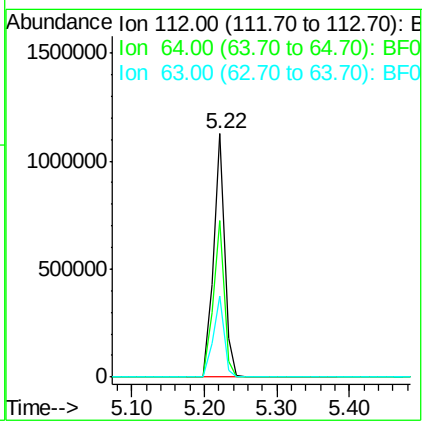


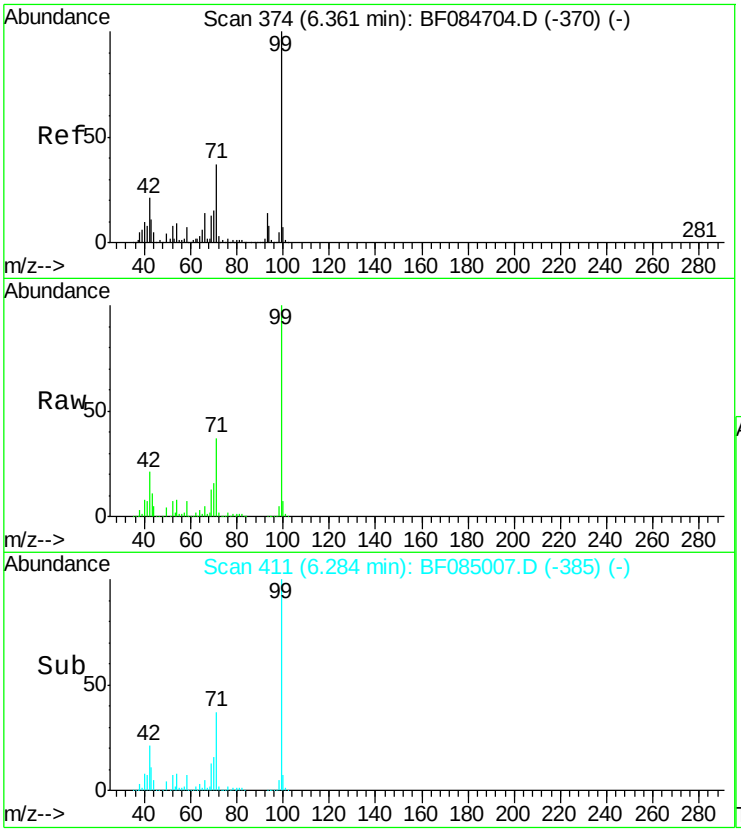


#5
2-Fluorophenol
Concen: 122.38 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.02 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:112 Resp: 1204511

Ion	Ratio	Lower	Upper
112	100		
64	64.3	36.6	55.0#
63	33.5	19.4	29.0#



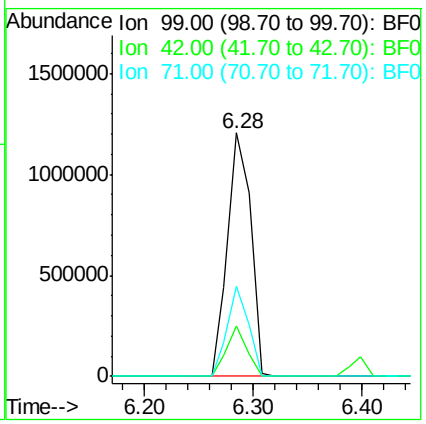


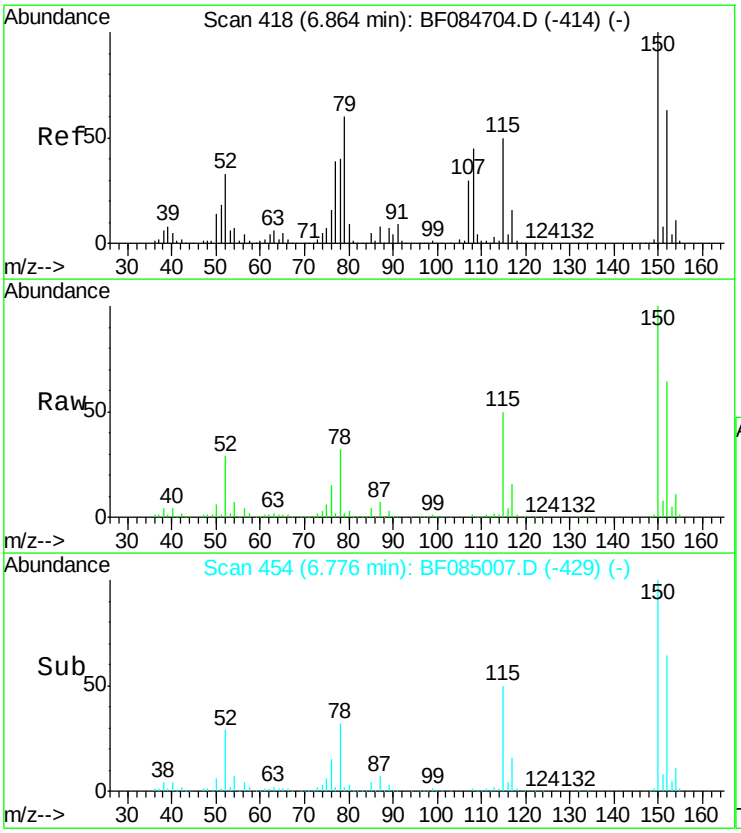
#7
Phenol-d6
Concen: 145.26 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion: 99 Resp: 1772407

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	37.1	30.9	46.3

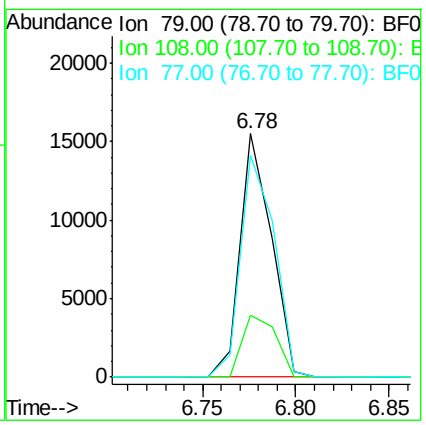


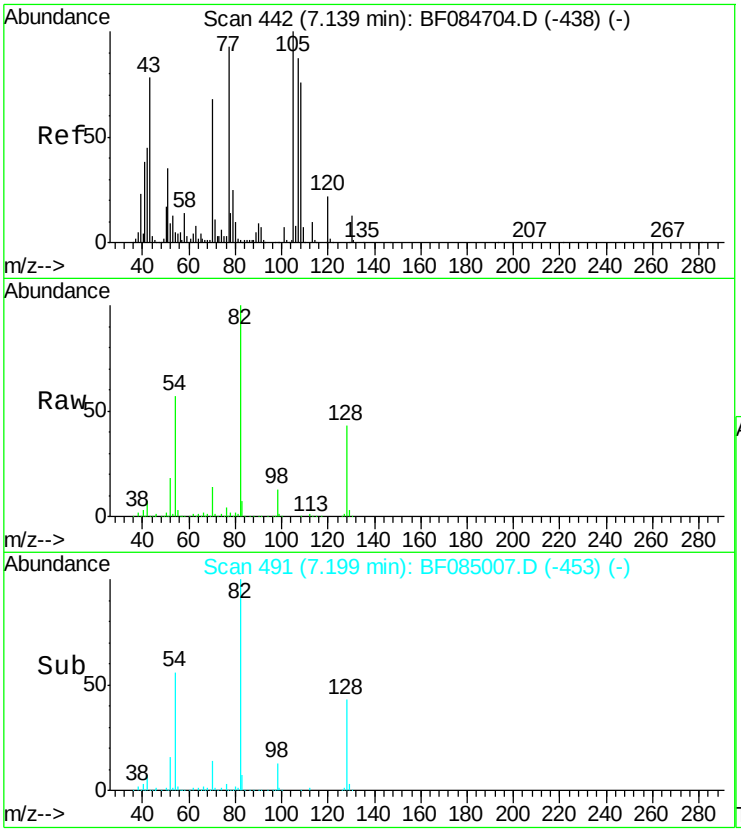


#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion: 79 Resp: 18096

Ion	Ratio	Lower	Upper
79	100		
108	25.6	69.0	103.4#
77	91.2	50.0	75.0#



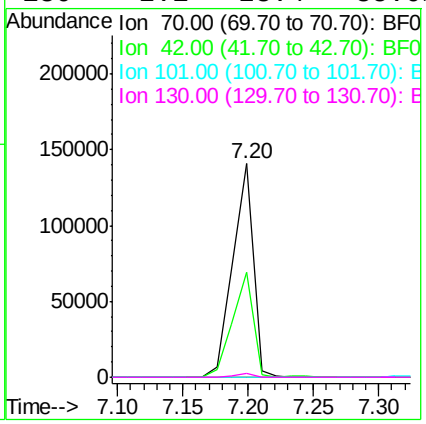


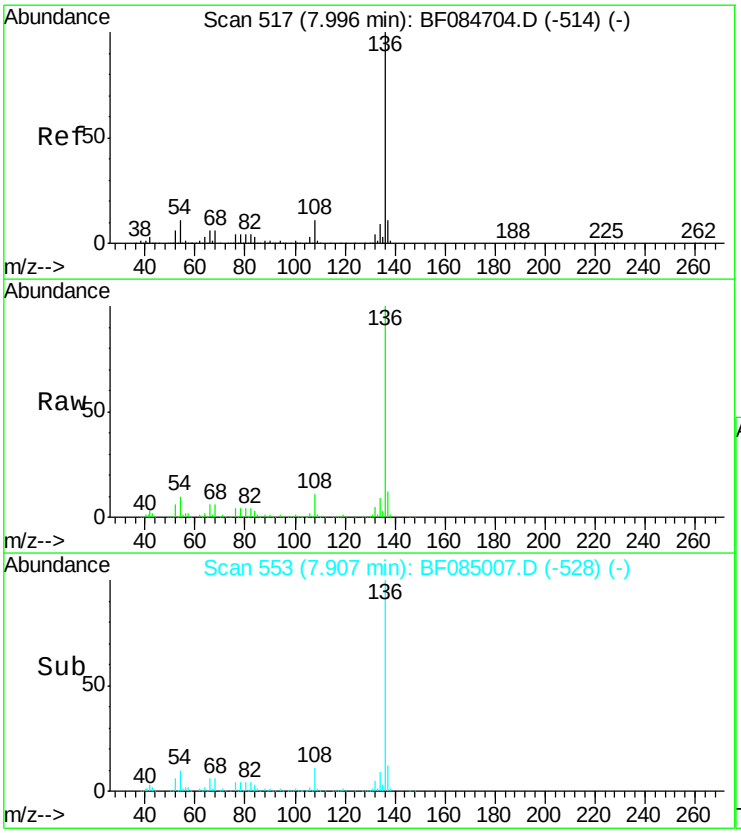
#19
n-Nitroso-di-n-propylamine
Concen: 20.03 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion: 70 Resp: 153227

Ion	Ratio	Lower	Upper
70	100		
42	49.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#

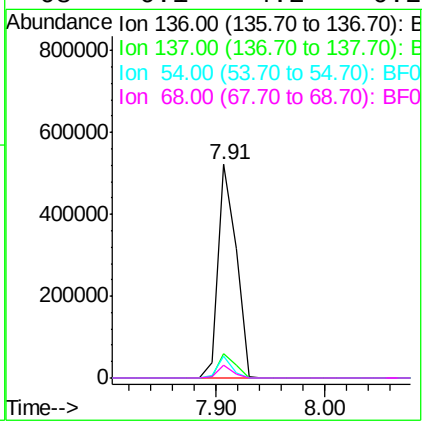


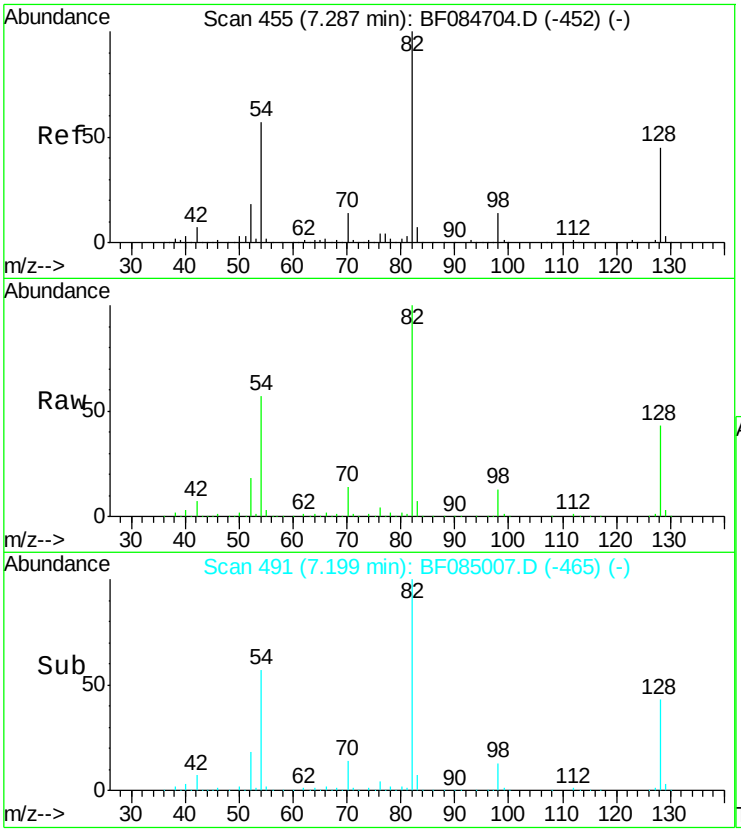


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:136 Resp: 603753

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.4	5.8	8.8#
68	6.1	4.2	6.2



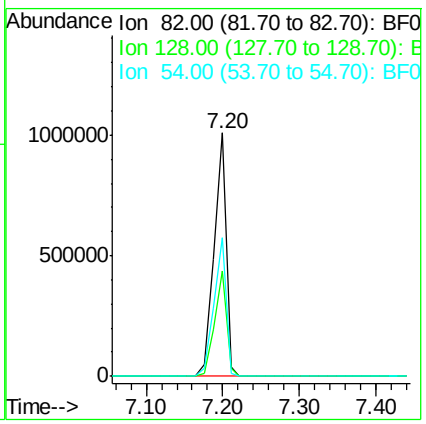


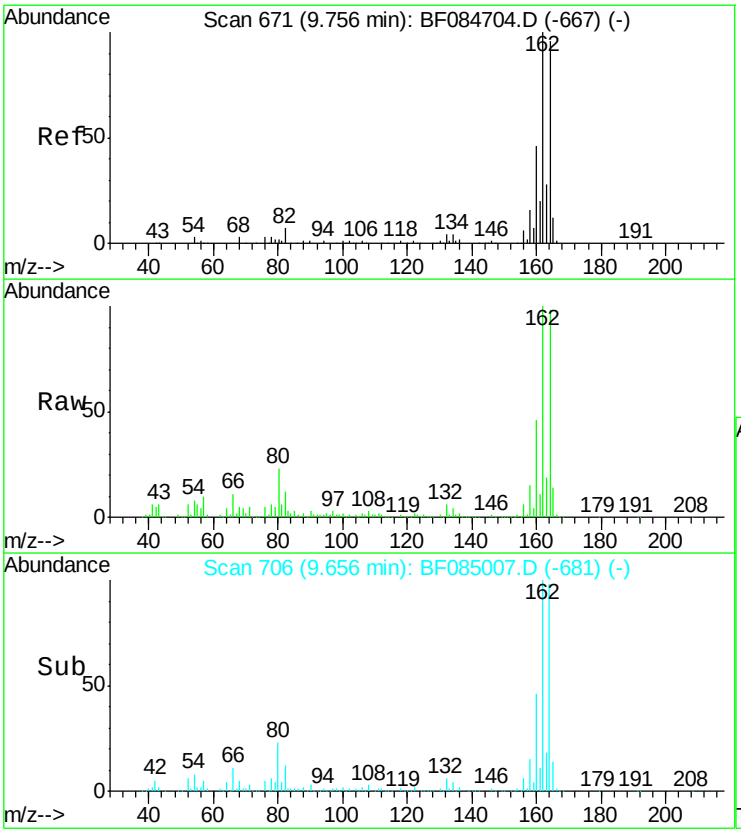
#23
Nitrobenzene-d5
Concen: 101.34 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion: 82 Resp: 1086094

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	56.9	38.4	57.6

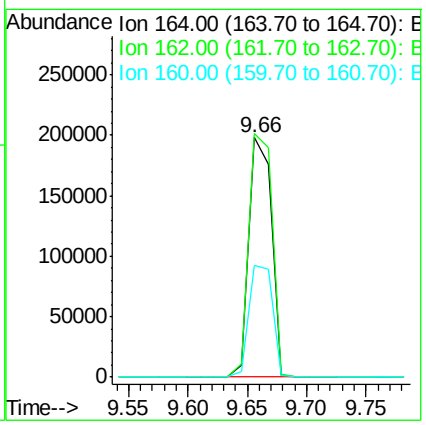


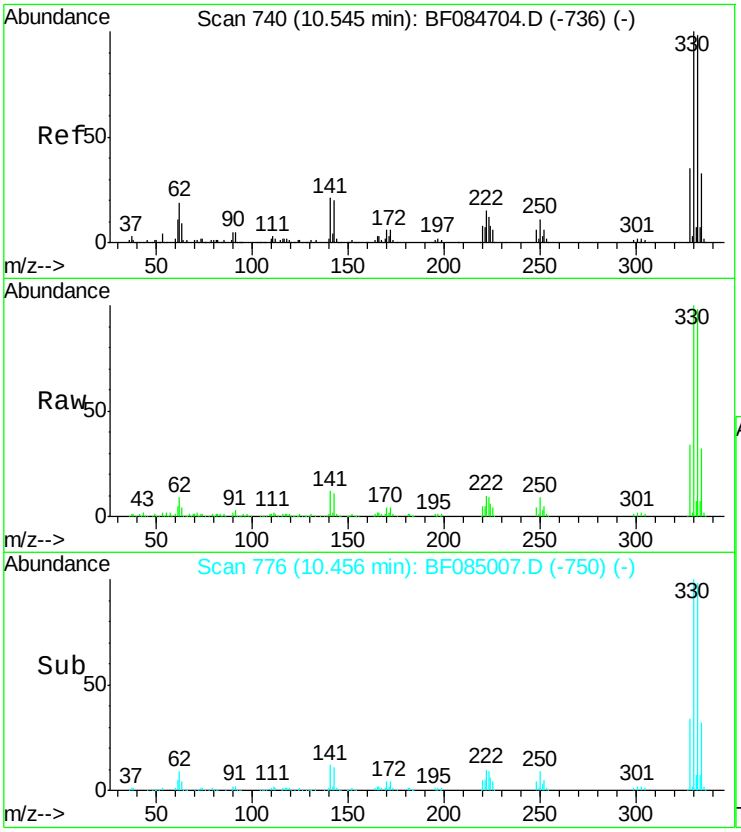


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:164 Resp: 264541

Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.1	127.7
160	46.5	37.5	56.3



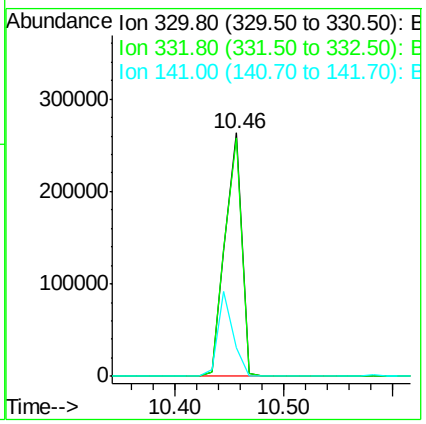


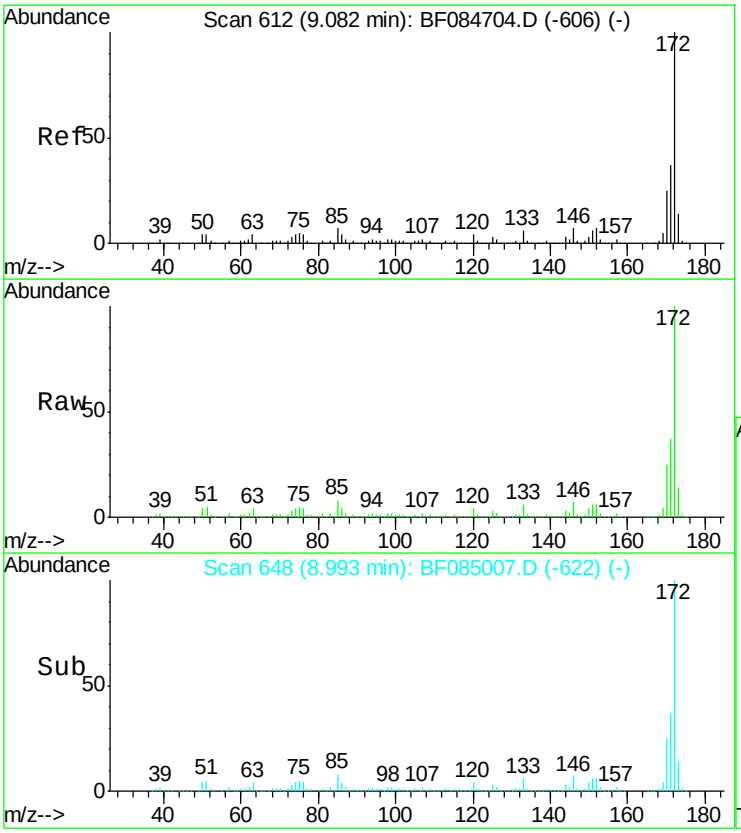
#41
2,4,6-Tribromophenol
Concen: 102.21 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion:330 Resp: 282040

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	114.8
141	33.1	27.8	41.6

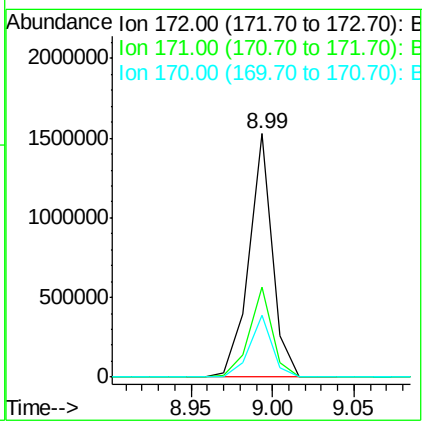


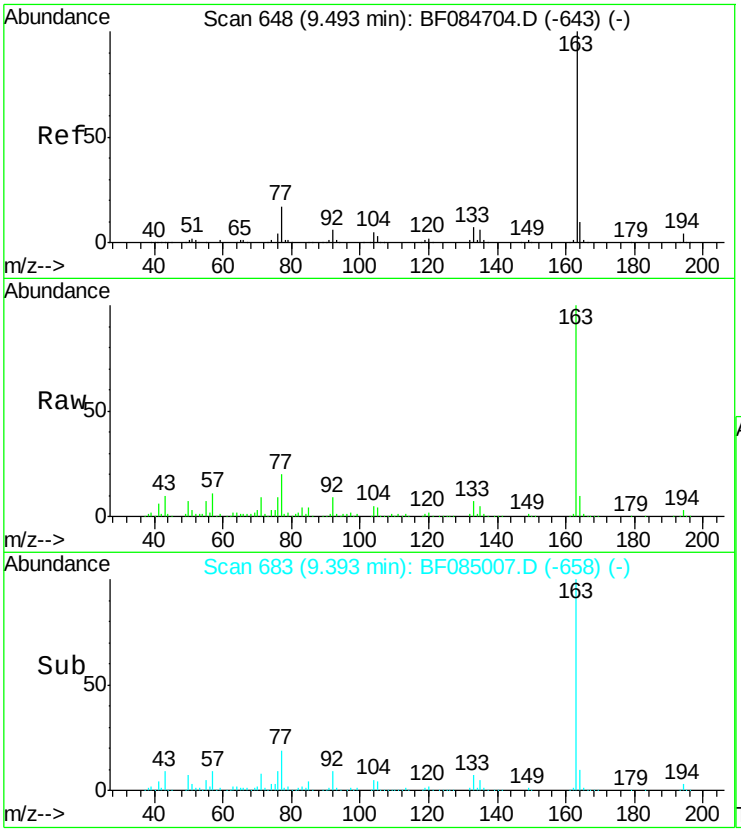


#44
2-Fluorobiphenyl
Concen: 105.19 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:172 Resp: 1521084

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	25.3	18.6	27.8



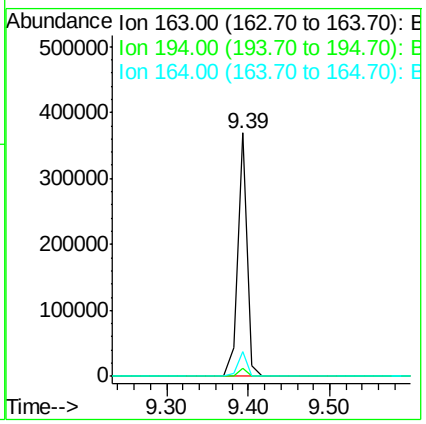


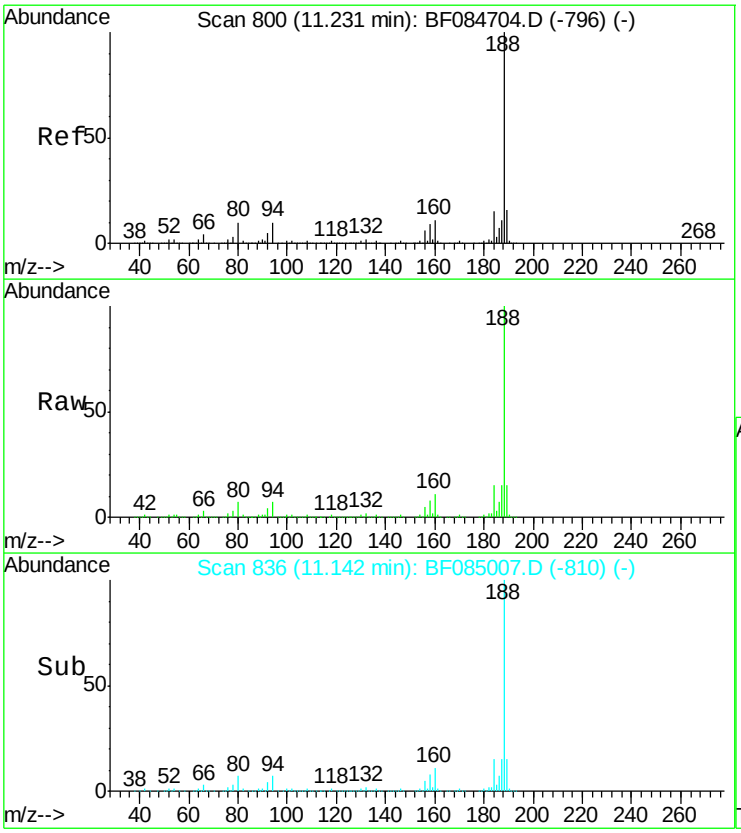
#49
Dimethylphthalate
Concen: 14.90 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion:163 Resp: 300183

Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.0	8.0	12.0

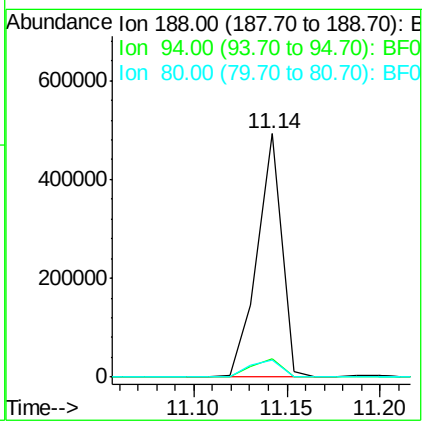


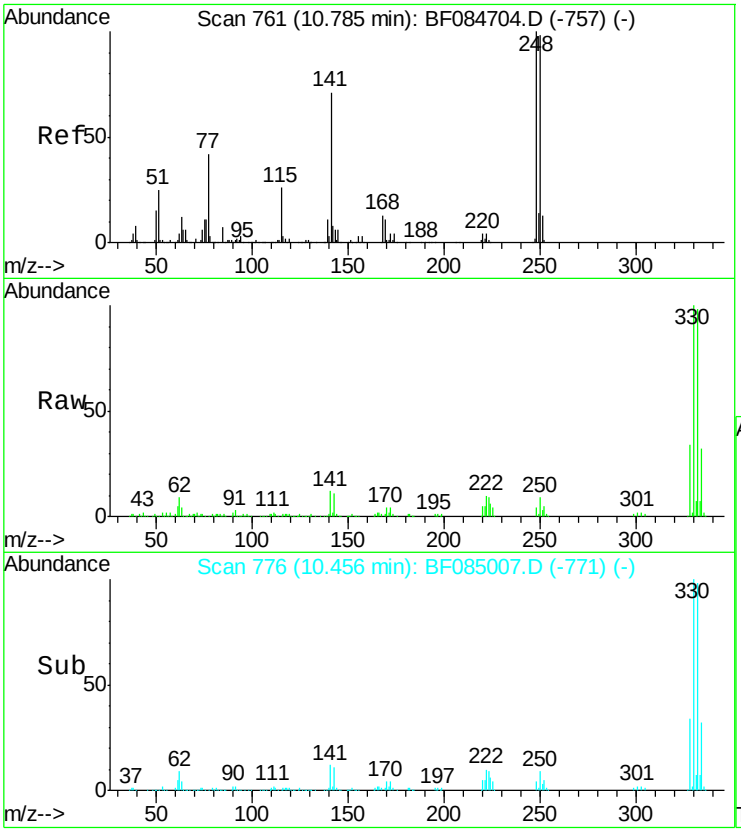


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:188 Resp: 448788

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.4#
80	6.9	9.6	14.4#



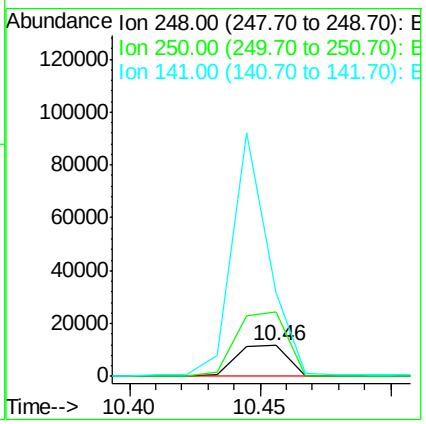


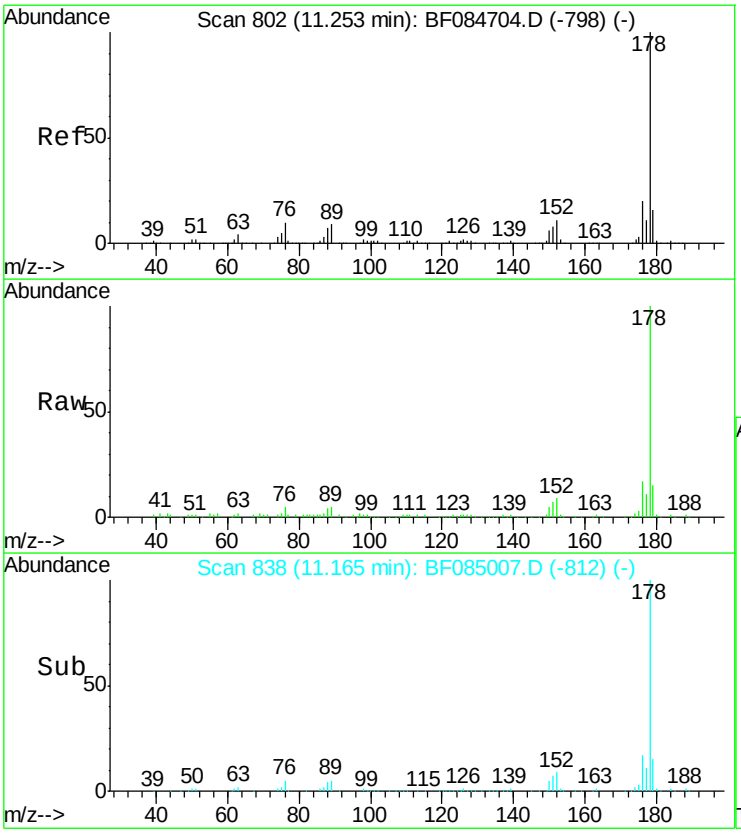
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.24 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion:248 Resp: 16068

Ion	Ratio	Lower	Upper
248	100		
250	207.3	78.4	117.6#
141	267.5	44.0	66.0#

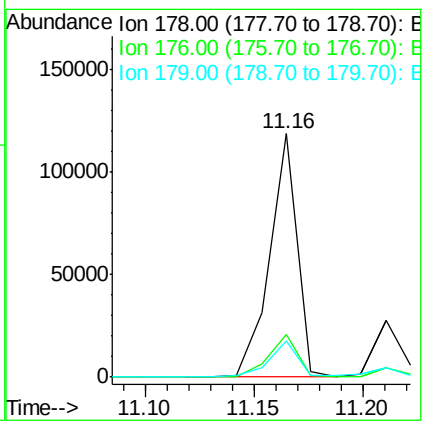


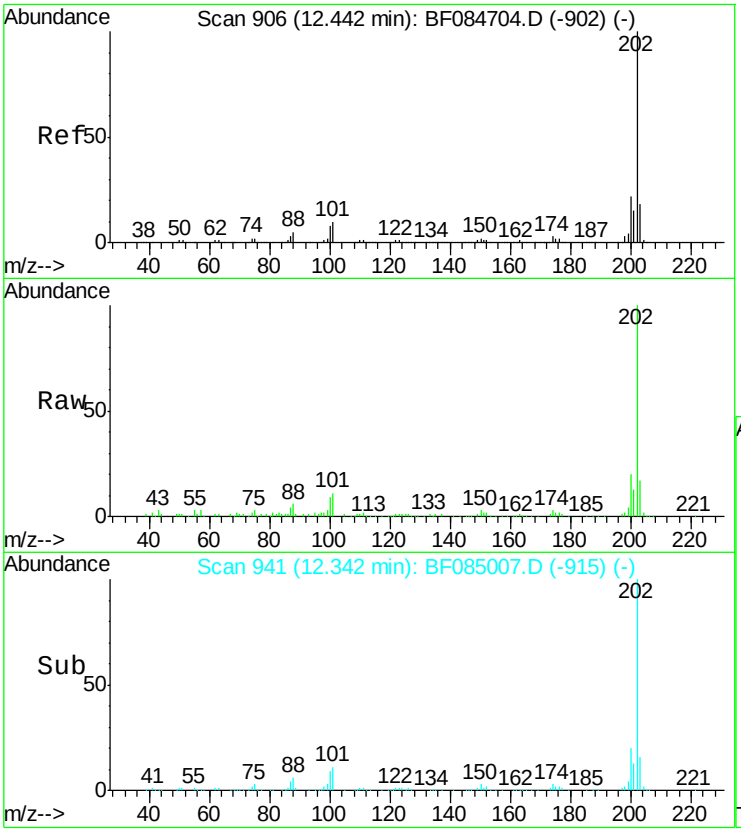


#70
Phenanthrene
Concen: 4.24 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:178 Resp: 105440

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.3	22.9
179	14.9	12.0	18.0



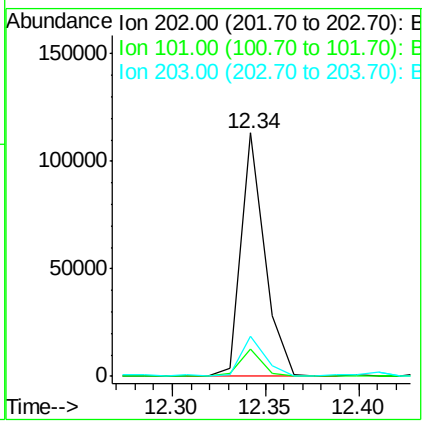


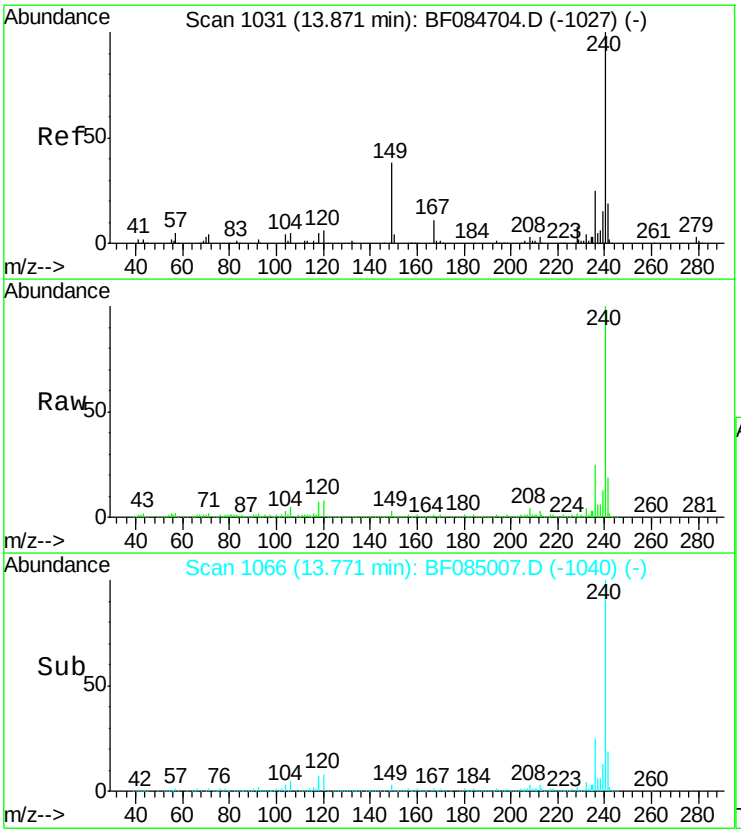
#74
Fluoranthene
Concen: 3.98 ng
RT: 12.34 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion:202 Resp: 100306

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.8
203	16.5	0.0	37.9

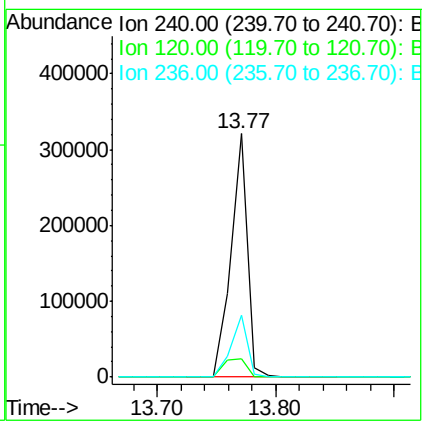


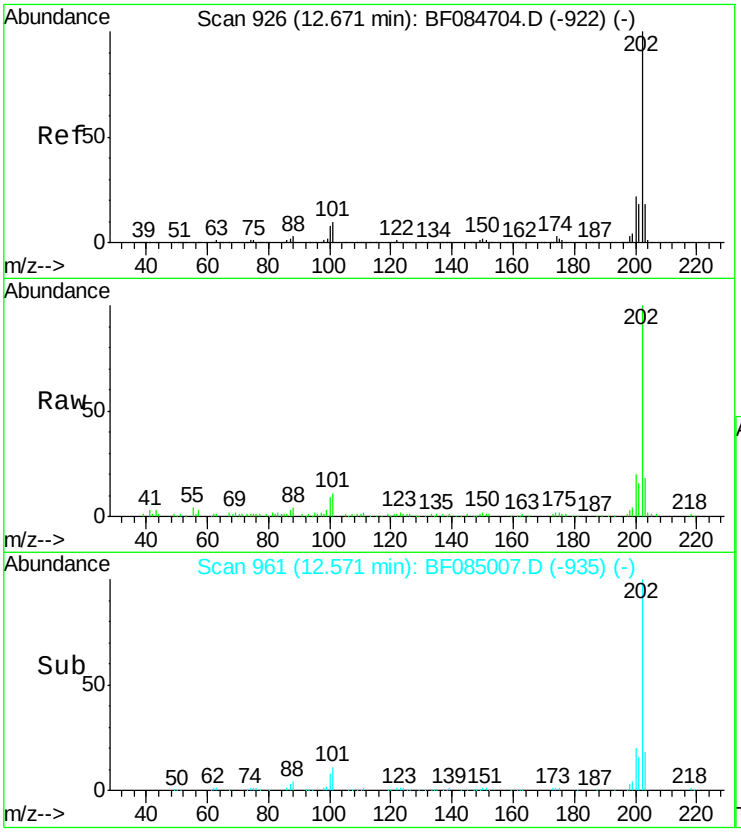


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:240 Resp: 308438

Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	25.5	20.6	31.0



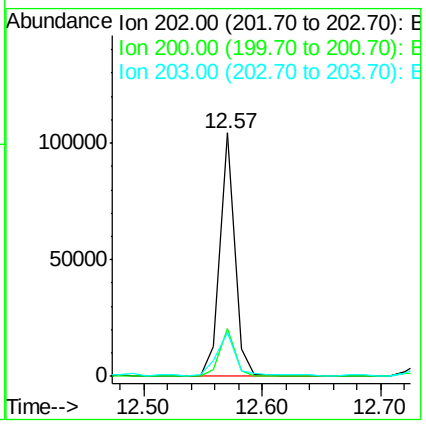


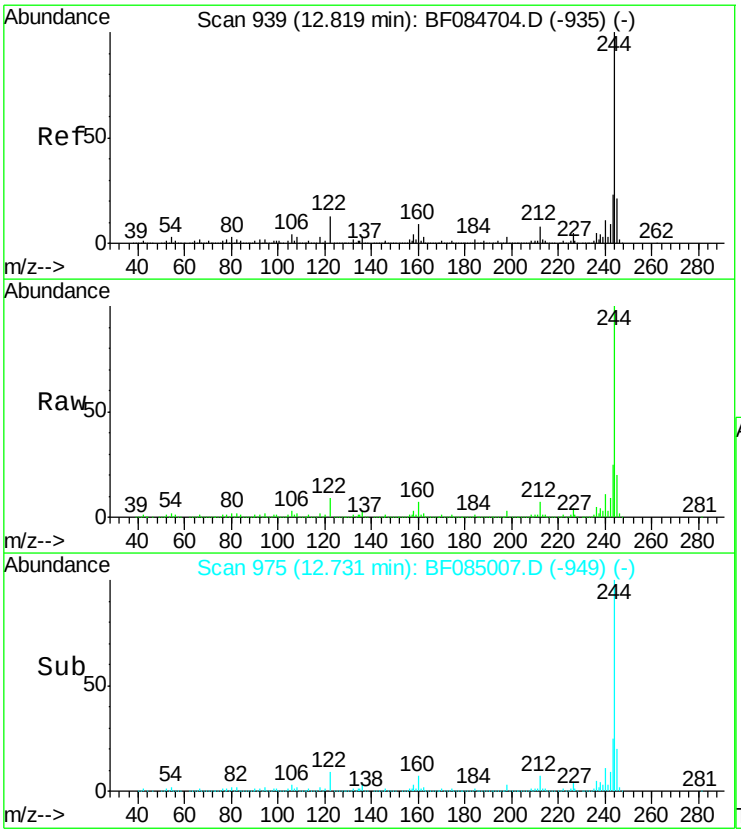
#77
Pyrene
Concen: 3.83 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion:202 Resp: 90475

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.2	25.8
203	18.1	14.3	21.5

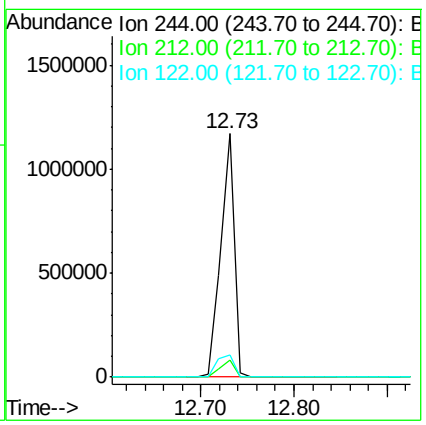


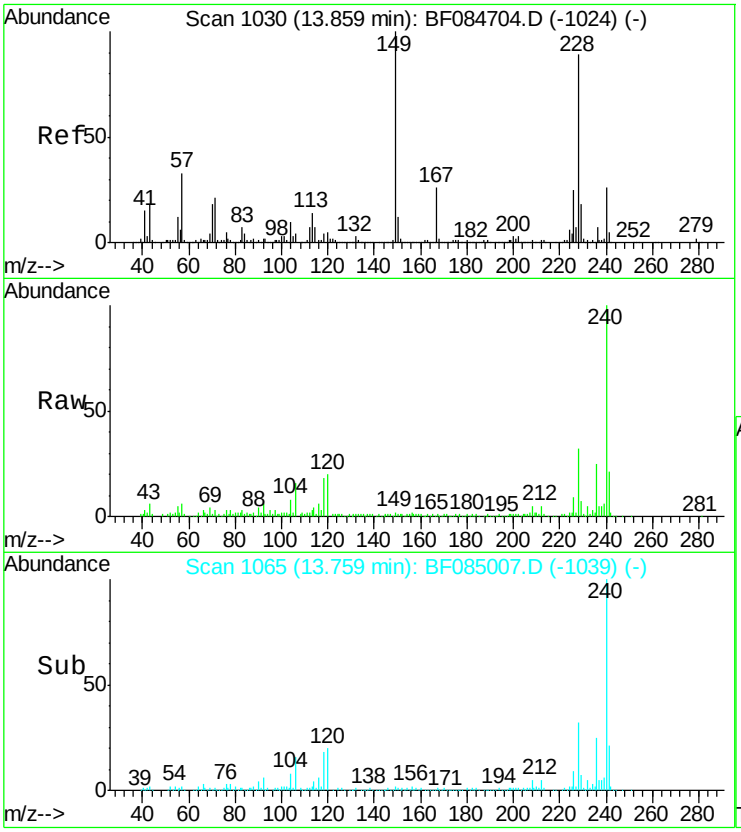


#78
Terphenyl-d14
Concen: 85.39 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:244 Resp: 1162218

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.1	7.4	11.0



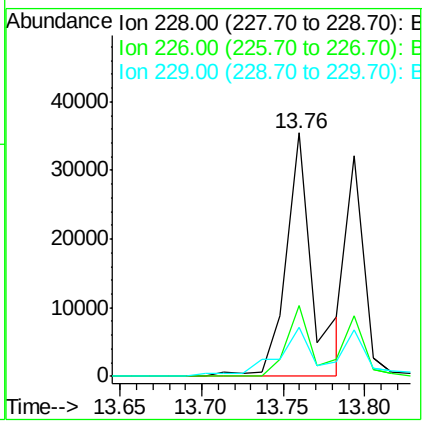


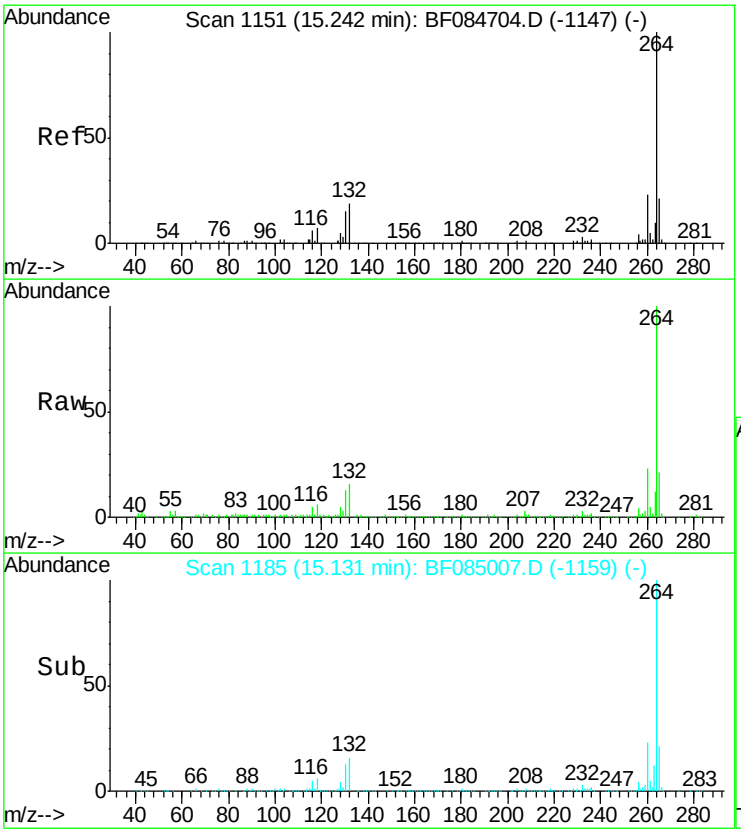
#80
Benzo(a)anthracene
Concen: 2.13 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion:228 Resp: 40715

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	20.2	15.8	23.8

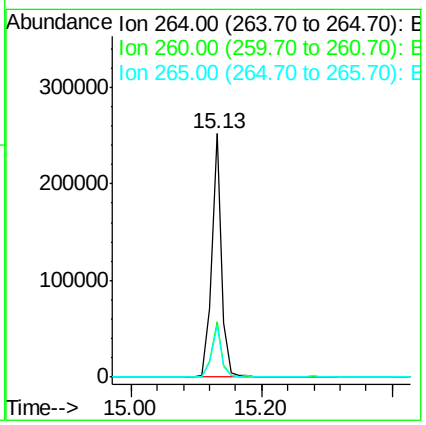


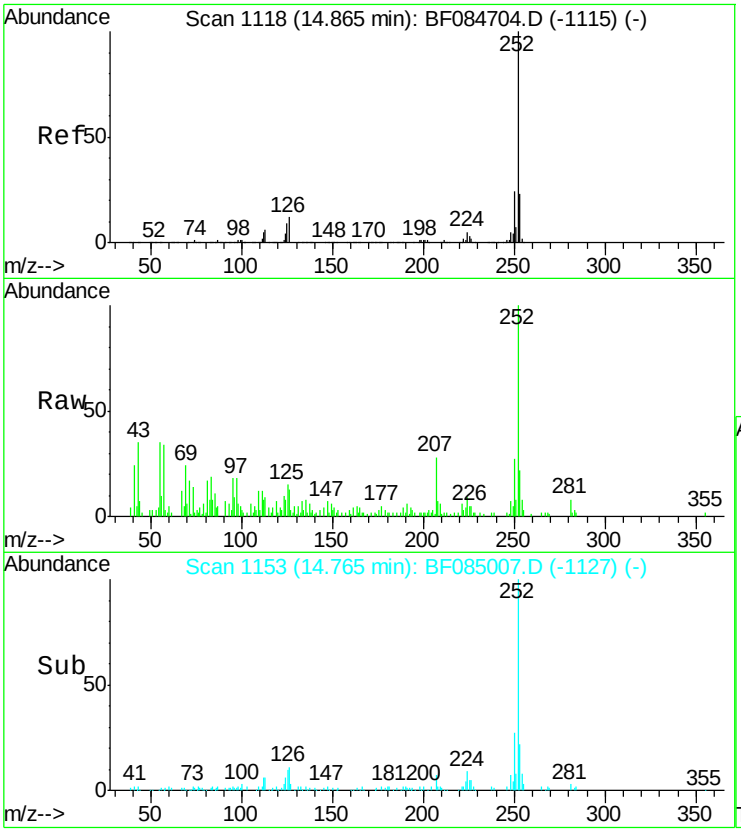


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:264 Resp: 269634

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.2	17.8	26.6



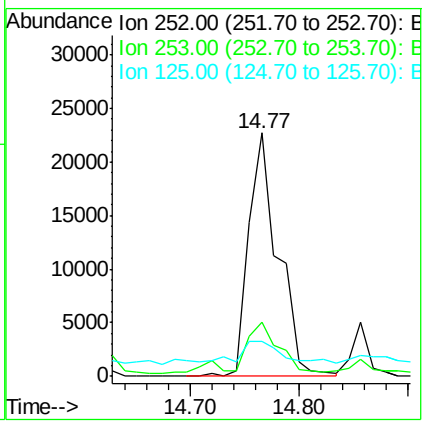


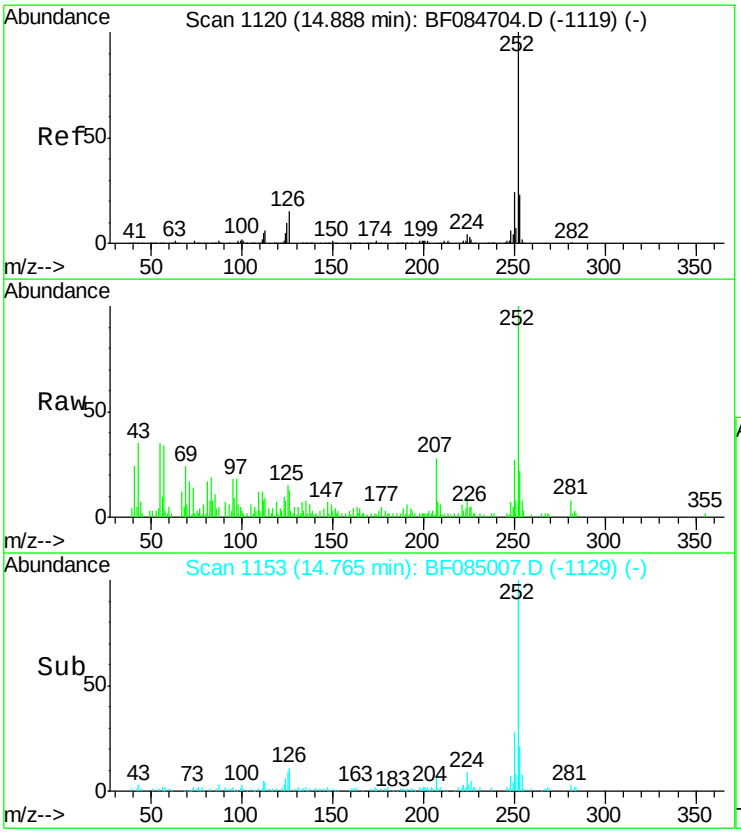
#87
Benzo(b)fluoranthene
Concen: 2.36 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Instrument :
BNA_F
ClientSampleId :
S4-B003(5-7)

Tgt Ion:252 Resp: 42692

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	14.5	6.5	9.7#





#88
Benzo(k)fluoranthene
Concen: 2.85 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF085007.D
Acq: 10 Feb 2016 21:51

Tgt Ion:252 Resp: 42692

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.5	9.0	13.6#